

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/500 997

INTERNATIONAL APPLICATION NO. PCT/JP03/00571	INTERNATIONAL FILING DATE 22 January 2003	PRIORITY DATE CLAIMED 23 January 2002
--	---	---

TITLE OF INVENTION

PROCESS FOR PRODUCING 2,4'-DIHYDROXYDIPHENYLSULFONE

APPLICANT(S) FOR DO/EO/US**Gou YOSHINO; Yuichi TOMODA; Norihiro TANIGUCHI; Kazuaki IGARASHI; and Takeo HASEGAWA**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

- (i) NOTICE PCT/IB/308
- (ii) WO 03/062194 A1 title page (front & back only)
- (iii) PCT/IPEA/409
- (iv) REQUEST PCT/RO/101
- (v) Drawings for the Examiner's convenience
- (vi) REQUEST FOR PUBLICATION OF ASSIGNMENT INFOR.

Express Mail Label No. EV 443 205 373 US

Date of Deposit: July 7, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450


 Lori Valdes

U.S. APPLICATION NO. (if known, see 37 CFR 1.51)
0075000997INTERNATIONAL APPLICATION NO.
PCT/JP03/00571ATTORNEY'S DOCKET NUMBER
04447/HG21. The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 920.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$.00
Total claims	2 - 20 =	0	x \$18.00	\$.00
Independent claims	1 - 3 =	0	x \$86.00	\$.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$.00

TOTAL OF ABOVE CALCULATIONS =

\$ 920.00

Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$.00

SUBTOTAL =

\$ 920.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$.00

TOTAL NATIONAL FEE =

\$.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$.00

TOTAL FEES ENCLOSED =

\$ 920.00

Amount to be refunded:	\$.00
charged:	\$.00

- a. A check in the amount of \$ 920.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1378. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 01933

Herbert Goodman
 Frishauf, Holtz, Goodman & Chick P.C.
 767 Third Avenue
 25th Floor
 New York NY 10017-2023


SIGNATURE

Herbert Goodman

NAME

17,081

REGISTRATION NUMBER

Rec'd PCT/PTO 07 JUL 2004

10/500997

IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Appl. No. : (U.S. National Phase Appln.
based on PCT/JP03/00571)

Applicant : Gou YOSHINO et al

Filed : Concomitantly herewith

For : PROCESS FOR PRODUCING
2,4'-DIHYDROXYDIPHENYL-
SULFONE....

Docket No. : 04447/HG

Customer No.: 01933

Express Mail Mailing Label
No.: EV 443 205 373 US
Date of Deposit: July 7, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lori Valdes

Lori Valdes

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

REQUEST FOR PUBLICATION OF
ASSIGNMENT INFORMATION

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be published as part of the 18-month publication of the present application:

NICCA CHEMICAL CO., LTD.
23-1, Bunkyo 4-chome, Fukui-shi
Fukui 910-8670 Japan

Frishauf, Holtz, Goodman
& Chick, P.C.
767 Third Ave., 25th floor
New York, NY 10017-2023
Telephone: (212) 319-4900
Facsimile: (212) 319-5101
HG/lpv

Respectfully submitted,

Herbert Goodman
HERBERT GOODMAN
Reg. No. 17,081

10/500997

DT15 Rec'd PCT/PTO 07 JUL 2004

PTO/SB/122 (10-00)

Please type a plus sign (+) inside this box → [+]

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**CHANGE OF
CORRESPONDENCE ADDRESS**
Application

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	
Filing Date	Concomitantly herewith
First Named Inventor	Gou YOSHINO et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	04447/HG

Please change the Correspondence Address for the above-identified application to:

[X] Customer Number 01933]

OR

[] Firm or Individual Name				
Address				
Address				
City		State	ZIP	
Country				
Telephone			Fax	

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

- [] Applicant/Inventor.
- [] Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- [X] Attorney or Agent of record.
- [] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____.

Typed or Printed

Name Herbert Goodman, Reg. No. 17,081

Signature



Date

July 7, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required. See below.

[X] Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.